

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046787.D
 Acq On : 18 Jan 2022 17:21
 Operator : SY/MD
 Sample : N1179-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HJ5

Quant Time: Jan 19 07:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 06:55:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

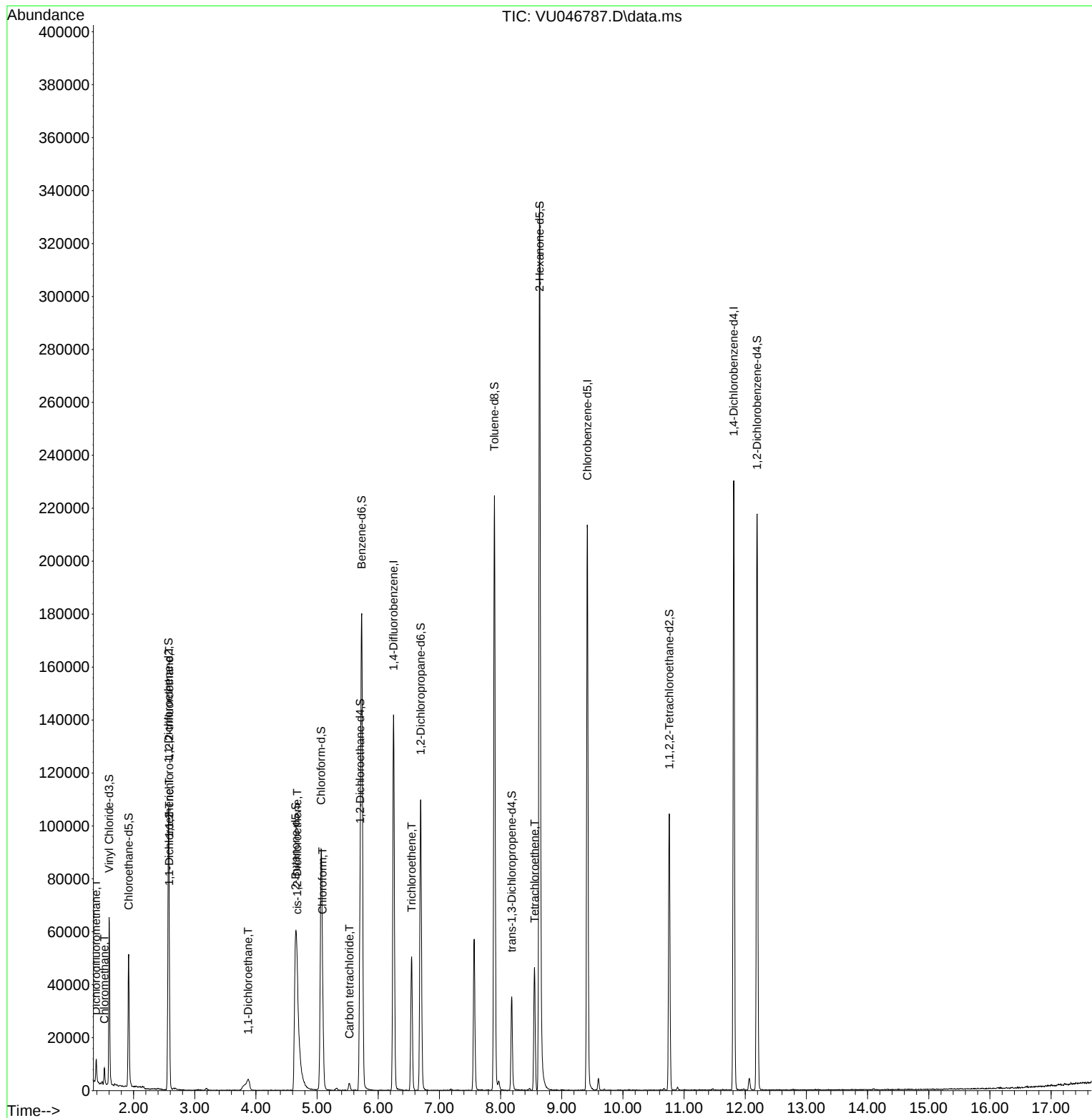
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	121658	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	125255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	47398	4.598	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.919	69	38636	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.571	65	18745	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.649	46	157805	51.672	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.340%
24) Chloroform-d	5.067	84	84297	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.703	65	47260	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.729	84	176115	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.694	67	54098	4.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.899	98	153644	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	21282	4.384	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.639	63	138381	48.146	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51996	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	59705	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	3984	0.348	ug/L	99
3) Chloromethane	1.523	50	4253	0.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	857	0.121	ug/L #	67
12) 1,1-Dichloroethene	2.584	96	2597	0.382	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	1888	0.153	ug/L	91
22) cis-1,2-Dichloroethene	4.674	96	3620	0.466	ug/L	83
25) Chloroform	5.089	83	19646	1.002	ug/L	100
31) Carbon tetrachloride	5.526	117	1993	0.206	ug/L	100
34) Trichloroethene	6.546	95	17600	2.299	ug/L	95
47) Tetrachloroethene	8.555	164	10749	1.726	ug/L	93

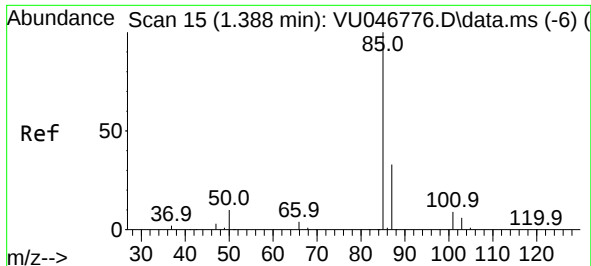
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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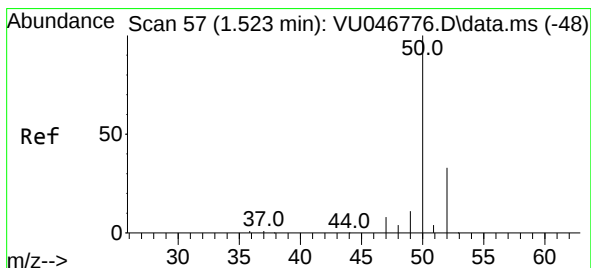
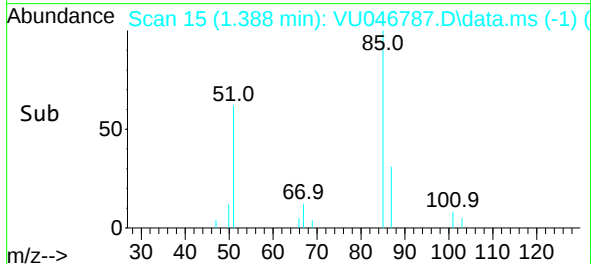
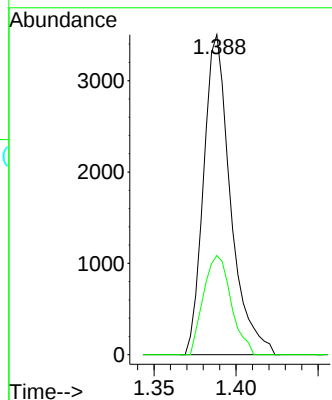
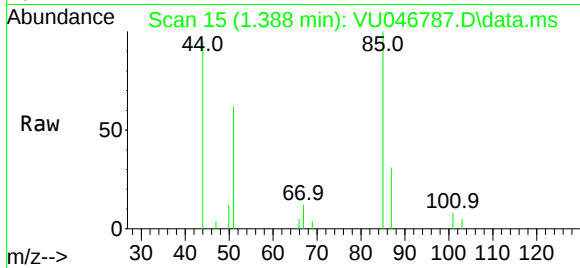




#2
Dichlorodifluoromethane
Concen: 0.348 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

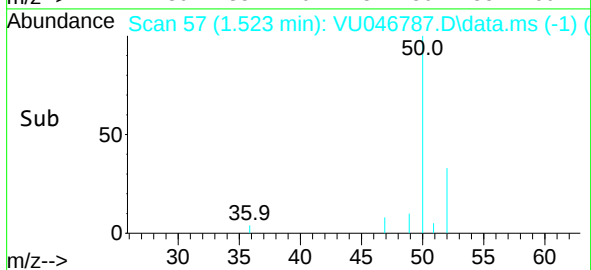
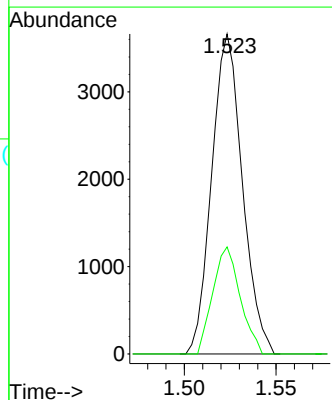
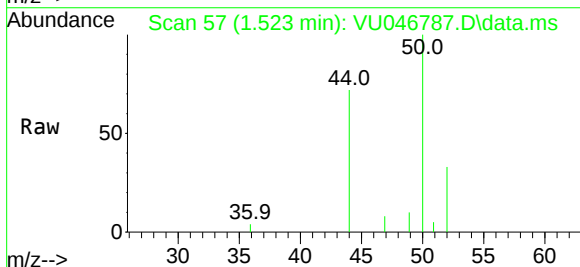
Instrument :
MSVOA_U
ClientSampleId :
C0HJ5

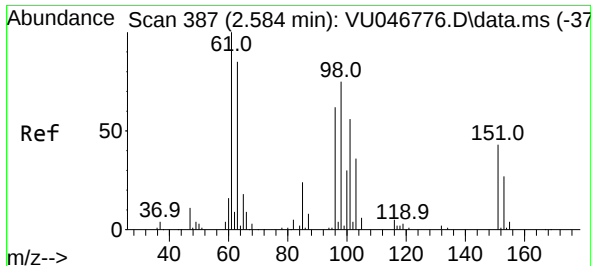
Tgt Ion: 85 Resp: 3984
Ion Ratio Lower Upper
85 100
87 31.8 25.8 38.6



#3
Chloromethane
Concen: 0.451 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

Tgt Ion: 50 Resp: 4253
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.8

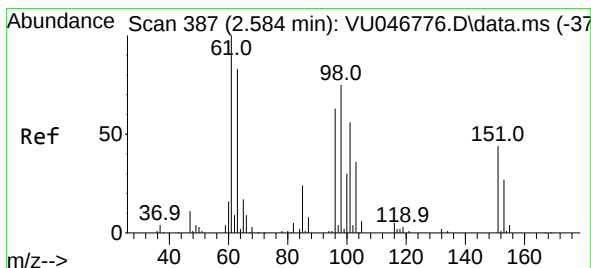
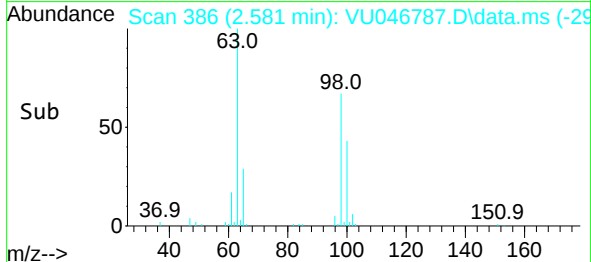
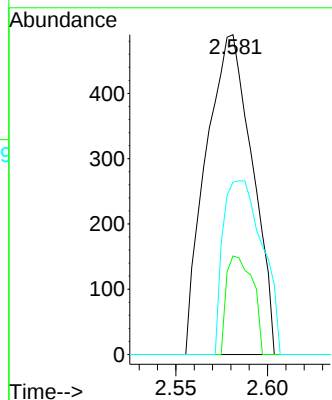
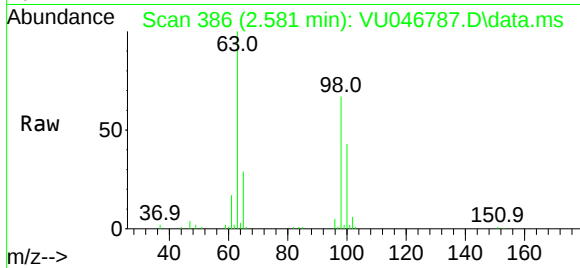




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.121 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

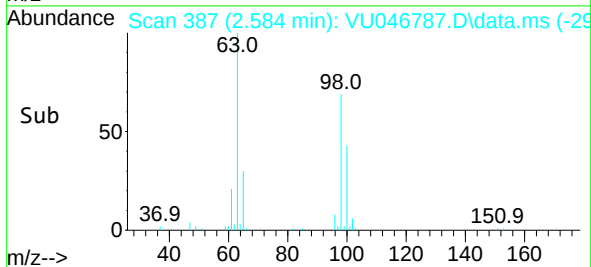
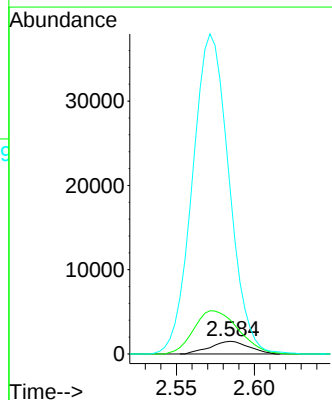
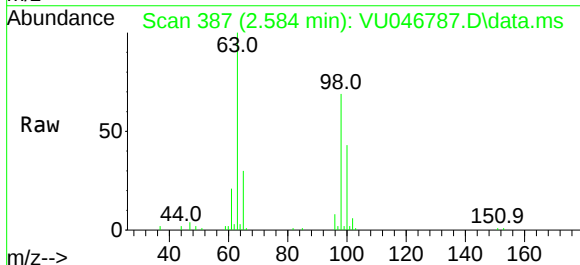
Instrument :
MSVOA_U
ClientSampleId :
C0HJ5

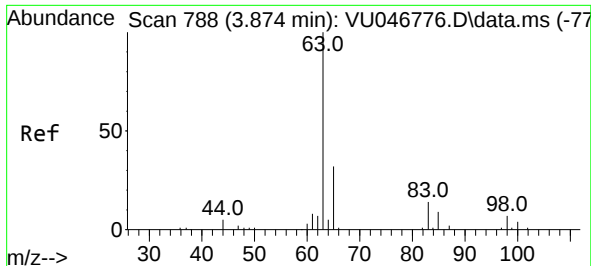
Tgt Ion:101 Resp: 857
Ion Ratio Lower Upper
101 100
85 17.5 34.6 51.8#
151 46.2 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.382 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

Tgt Ion: 96 Resp: 2597
Ion Ratio Lower Upper
96 100
61 269.2 124.7 231.5#
63 1305.5 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.153 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

C0HJ5

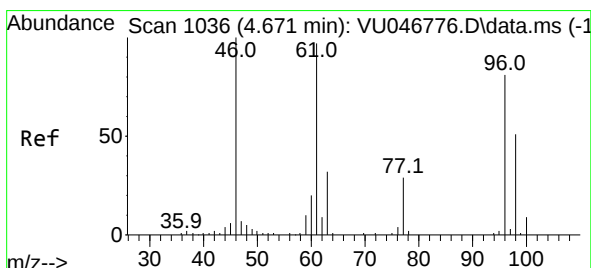
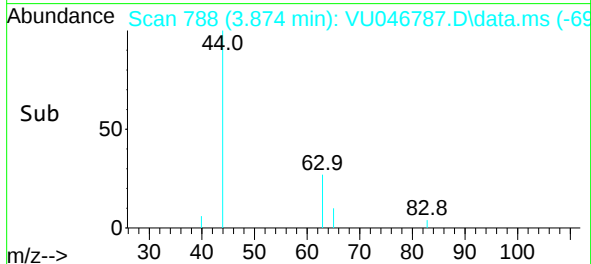
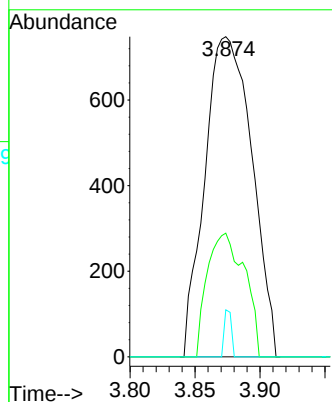
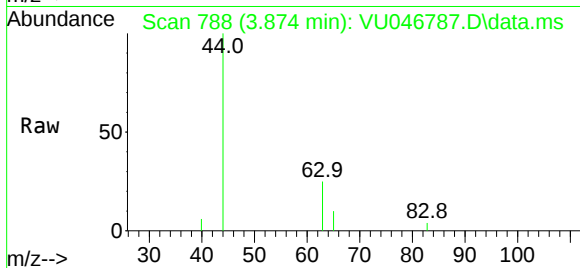
Tgt Ion: 63 Resp: 1888

Ion Ratio Lower Upper

63 100

65 38.6 22.3 41.5

83 14.7 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.466 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

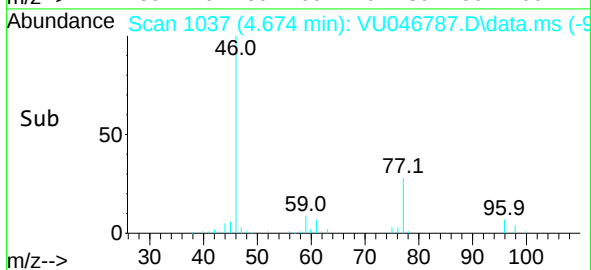
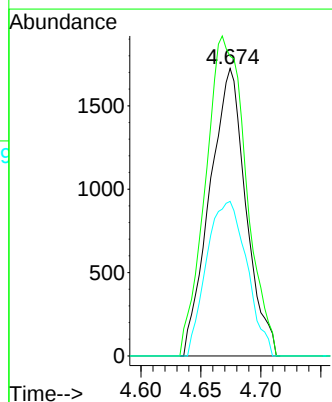
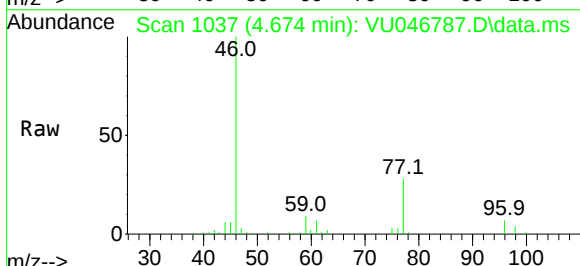
Tgt Ion: 96 Resp: 3620

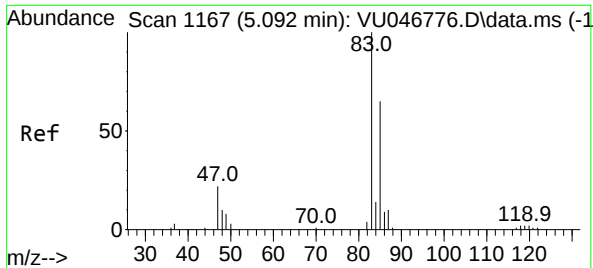
Ion Ratio Lower Upper

96 100

61 104.2 88.5 164.3

98 53.8 44.4 82.5

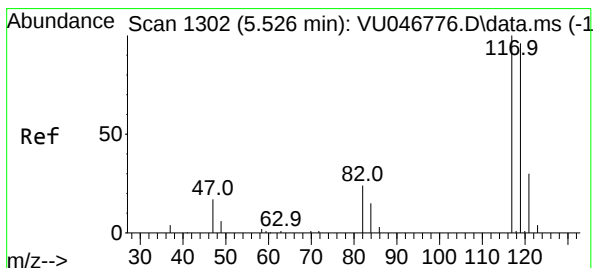
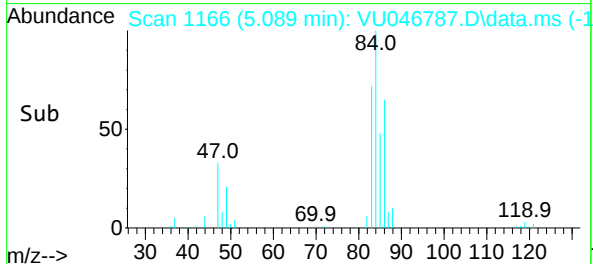
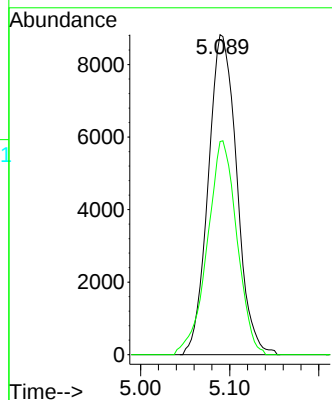
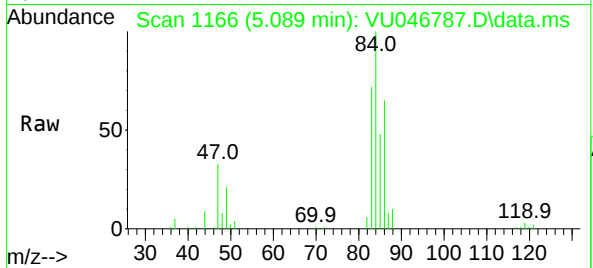




#25
Chloroform
Concen: 1.002 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

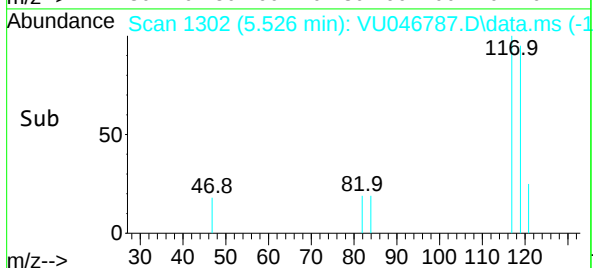
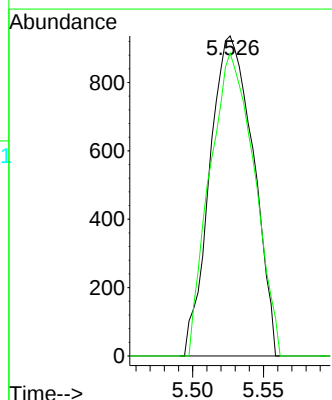
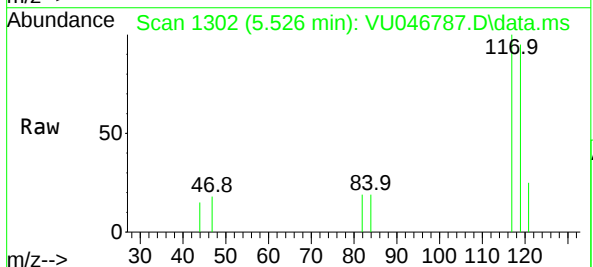
Instrument :
MSVOA_U
ClientSampleId :
COHJ5

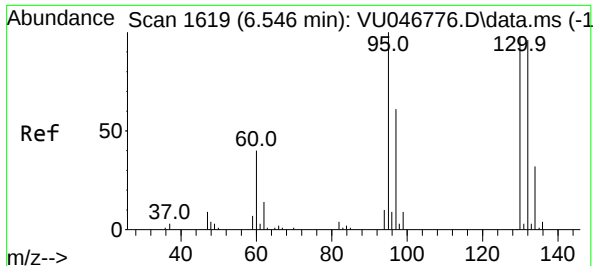
Tgt Ion: 83 Resp: 19646
Ion Ratio Lower Upper
83 100
85 66.6 46.9 87.1



#31
Carbon tetrachloride
Concen: 0.206 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

Tgt Ion: 117 Resp: 1993
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3

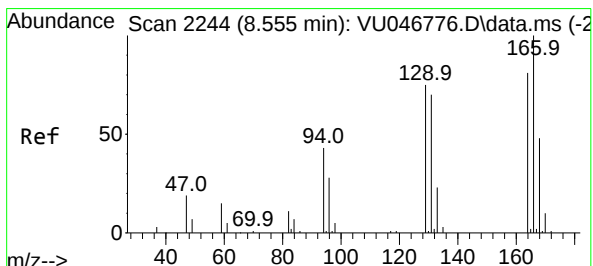
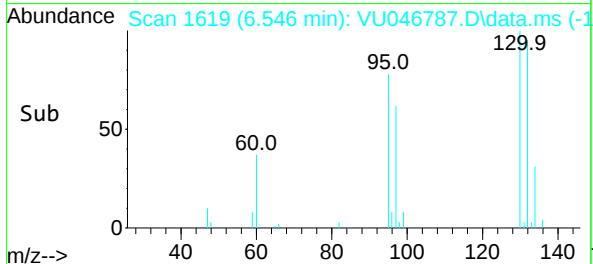
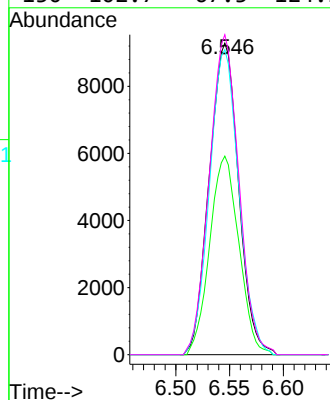
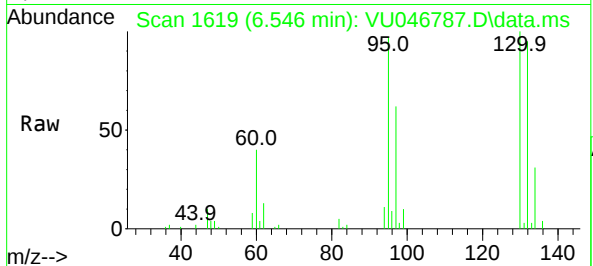




#34
Trichloroethene
Concen: 2.299 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

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ClientSampleId :
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Tgt Ion: 95 Resp: 17600
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.5
132 97.9 65.1 120.9
130 102.7 67.3 124.9



#47
Tetrachloroethene
Concen: 1.726 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

Tgt Ion: 164 Resp: 10749
Ion Ratio Lower Upper
164 100
129 95.5 71.8 133.4
131 91.5 68.5 127.3
166 125.3 94.1 174.8

